



Applications

It is especially recommended for pressurized air or water conduction at high temperatures, can be used in vehicles and in the industrial sector.

For use in cooling and heating systems in buses, coaches, trucks, industrial vehicles, cooling systems in cogeneration units and marine engines, and transport of high temperature fluids in general industry.

This hose has the particularity that initially it is manufactured in a straight form but it can be conformed to any form using the hands.

Limitations

Respect the work pressure established values.

In some length there is a limitation in the forms that the hose could acquire

Gas oil and oil stains do not damage the tubes, but they should not be used to transport fuel or oil, nor be submerged in these liquids.

The transport of abrasive particles is not recommended.

Regulations

- Silicone rubber manufactured in accordance with EU Directive 2002/95/ECC for Restriction of the use of hazardous substances (RoHS).

Properties

- Not affected by anti-freeze or antirust liquids.
- Highly resistant to hardening with very good compression characteristics.
- Excellent flexibility during the assembly process.
- **The whole hose might be reshaped with the hands excluding the cuffed ends which are marked with vertical lines**
- Smooth inner and outer appearance, and blue color. Upon request, it can also be supplied in other colors (red, green, black...).
- Excellent resistance to thermal aging and oxidizing agents (oxygen, ozone, UV).
- Operational temperature range from -60°C (-75 F) to +180°C (356 F), it may reach up to 200°C (392 F) during short periods of time.

Technical Specifications

Inner Diameter		Wall thickness		Working Pressure ISO 1402/2009		Bursting Pressure ISO 1402/2009		Bending Radius ISO 1746/2000	
mm	inch	+1/-0.5 mm	+0.04/-0.02 inch	Bar at 20°C	Psi at 68°F	Bar at 20°C	Psi at 68°F	mm	inch
16	5/8	5.5	0.22	7.5	108.8	22.5	326.3	50	1.96
19	3/4	5.5	0.22	6.3	91.4	18.9	274.1	55	2.17
20	4/5	5.5	0.22	5.9	85.6	17.9	259.6	55	2.17
22	7/8	5.5	0.22	5.4	78.3	16.2	234.9	60	2.36
25	1	5.5	0.22	4.7	68.2	14.0	203.0	68	2.68
28	1 1/9	5.5	0.22	4.2	60.9	12.6	182.7	72	2.83
32	1 1/4	5.5	0.22	4.0	58.0	12.0	174.0	80	3.15

Construction

The construction of this hose is protected with the patent Nr. ES2446848A1